Name:	D.NITHYA	
Designation:	Assistant professor	
Qualification:	B.E.,M.E.,DIP IN LABOUR LAW &ADMINISTRATIVE LAW	
Experience : (as on Dec 2023)	Industrial Experience	Teaching Experience
	Nil	6 Years
Area of Specialization	Cloud Computing	
Number of workshop / FDP/STTP attended:	Number of Workshops	Number of FDPs
	2	12

Publications	Conference		Journal	
	National	International	National	International
	NIL	1	NIL	1

Funded Projects(APPLIED)	1. UBA(SOLVHUB)-50000
Professional Body Membership	IEEE member

FDP/Workshop/Attended/Paper Published

- Participated in five days FDP conducted by IBM
- Participated in five days FDP on Exploring Cutting Edge Technology Trends.
- Participated in online webinar on emerging trends in automotive technology by KCG.
- Participated in the two day online workshop on foundation of deep learning and it's application by VIT.
  Participated in energy literacy training by enezy swaraj foundation.
- Participated in pre conference of IGEN.
  Completed one day workshop on BIG Data Analytics.
- Participated in five days FDP in Data Analytics and artificial intelligence in healthcare.
- Participated in fivedays fdp on AWS in SIT.
- Participated in one week fdp on deep learning and IOT smart applications.
- IP Awareness Training Program
- Gen AI and Promt Engineering using Microsoft Co-Pilot
- Recent Advances and trends of cyber Physical systems in healthcare
- NITTTR – Outcome based teaching and learning process
- Cloud architect
- Conducted Guest Lecture in Cyber Security.

CONFERENCE PAPER PUBLICATIONS:

- **Predictive Modeling Techniques for Anticipating Vaccine Demand**
  Vinitha, S., Prasanthi, T., Nithya, D. ICCDS 2024 - International Conference on Computing and Data Science, 2024
- **Deep Learning Classification Techniques on Detecting Diabetic Retinopathy Dataset** *Revathi, B., Usharani, C., Kezial Elizabeth, S.K., Nagaraj, P., Nithya, D.* 7th International Conference on Inventive Computation Technologies, ICICT 2024, 2024, pp. 663–668
- **Particle Swarm Optimization based Detection of Diabetic Retinopathy using a Novel Deep CNN** *Revathi, B., Elizabeth, S.K.K., Nagaraj, P., Birunda, S.S., Nithya, D.* Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023, 2023, pp. 998–1003

JOURNAL   PAPER PUBLICATIONS:

- ➤ **Categorizing online news articles using penguin search optimization algorithm** *Nithya, D., Sivakumari, S.* International Journal of Engineering and Technology(UAE), 2018, 7(4), pp. 2565–2568

BOOK CHAPTER PUBLICATIONS:

- ➤ **Simulation tools for data fabrication** *Ahila, R., Nithya, D., Sindhuja, P., Divya, K.* **Data Fabric Architectures: Web-Driven Applications**, 2023, pp. 167–182

- ➤ **Fuzzy based latent dirichlet allocation in spatio-temporal and randomized least angle regression** *Nithya*, D., *Sivakumari*, S Lecture Notes on Data Engineering and Communications Technologies 2020, 39, pp. 497–508.

ROLES AND RESPONSIBILITY:

- Devops, Python Tkinter, Postmantool
- Conducted symposium as coordinator
- Conducted cultural as head of the curricular activity
- PALS IIT Coordinator

ACHIEVEMENT:

- Receiving "**Top Performing Mentor"** appreciation award from NPTEL for

  Psycology of learning Course.